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Title: **JP7201310A2: SEPARATOR FOR SEALED LEAD-ACID BATTERY A
MANUFACTURE AND SEALED LEAD-ACID BATTERY**

Country: JP Japan

Kind: A

Inventor: **AZUMA TOKIHISA;
KAKIZAKI YOSHINOBU;
ENDO HIDEO;**

Assignee: **NIPPON MUKI CO LTD**
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Published / Filed: **1995-08-04 / 1993-12-28**Application Number: **JP1993000352472**IPC Code: **H01M 2/16; H01M 10/06;**Priority Number: **1993-12-28 JP1993000352472**

Abstract:

PURPOSE: To produce a separator which can retain increased amount of an electrolytic solution and has improved high discharge efficiency for a lead-acid battery by throwing small pieces of entangled glass short fibers in water, dispersing them, and forming into a sheet.

CONSTITUTION: Entangled, alkali-resistant silicate glass short fibers are adjusted to be 3-10mm fiber length and thrown to water. Then, they are dispersed in the water by a dispersing and mixing apparatus without being loosened by a heater and formed into a paper by a paper machine. As a result, a paper-like separator with 9-15% tensile expansion and 0.11-0.14g/cm³ density is obtained, battery capacity and discharge characteristics are increased, electrolytic solution is uniformly retained, a layer formation ratio preventive effect is produced, and then a sealed lead-acid battery separator prolonging the battery life is manufactured.

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Family: None

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